| Ir | idex | of C | laims | ; |
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|    |      |      |       |   |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/683,632      | YANG ET AL.  |
| Examiner        | Art Unit     |
| Suhan Ni        | 2646         |

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| 1 | Interference | 0 |  |

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| Cla      | aim      | l        |          |              |  | Dat  | <u> </u>      |  |          |  | 1   | Cla   | aim      | Ι       |          | -        | _        | Dat  |          |          |          |   |
|----------|----------|----------|----------|--------------|--|--|---------------|--|----------|--|-----|-------|----------|---------|----------|----------|----------|--|----------|----------|----------|---|
| <u> </u> |          |          |          |              | Т  | 1  | <del></del> " |  |          |  |     |       |          |         |          |          | T        |  |          |          |          |   |
| Final    | Original | 1/10/05  | 5/14/05  | 11/16/05     |  |  |               |  |          |  |     | Final | Original | 1/10/05 | 5/14/05  | 11/16/05 |          |  |          |          |          |   |
|          | 1        |          |          |              |  |  |               | Г  |          |  | 1   | 14    | 51       | V       | <b>√</b> | =        | $\Box$   |  |          |          |          |   |
|          | 2        |          |          | ┢            |  | T  | $\vdash$      | 1  | †=       |  | 1   | 15    | 52       | Ì       | Ì        | =        | _        |  | $\vdash$ | 1        | 1        |   |
| -        | 3        |          |          | $\vdash$     |  |  |               | m  | T        | $\vdash$   | 1   | 16    | 53       | V       | V        | =        | $\vdash$ | ┢  | -        | l        | t        | П |
| <b>-</b> | 4        | H        | _        | ┝            | $\vdash$   | ┢  | ┢             | -  | t        | t  | 1   | 17    | 54       | V       | V        | =        | _        | -  | -        | ╁        | t        | Н |
| <u> </u> | 5        | H        |          | $\vdash$     | ┢  | _  | ┢             | -  | ╁        | -  | 1   | 18    | 55       | V       | V        | =        |          | H  | $\vdash$ |          | 1        |   |
| <u> </u> | 6        |          |          | $\vdash$     | $\vdash$   | <del>                                     </del> | ┢             | 一  | T        | 1  | 1   | 19    | 56       | V       | <b>√</b> | =        | $\vdash$ | $\vdash$   | $\vdash$ | t        | $\vdash$ | Н |
| <u> </u> | 7        | _        | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$   | ╁╌       | -  | 1   | 20    | 57       | V       | V        | =        | -        | H  | H        |          | H        | Н |
| <u> </u> | 8        |          | _        |              |  | _  | $\vdash$      | $\vdash$   | $\vdash$ | H  | 1   | 21    | 58       | V       | 1        | =        | _        | $\vdash$   | -        | † ·      | l        | H |
|          | 9        |          |          |              | $\vdash$   |  | $\vdash$      | $\vdash$   | ╁        | <del>                                     </del> | 1   | 22    | 59       | V       | V        | =        |          |  |          | t        | t        | Н |
|          | 10       | Н        |          |              |  | $\vdash$   | $\vdash$      | $\vdash$   | Η-       | 一  | 1   | 23    | 60       | Ĭ       | Ĭ        | =        | _        | $\vdash$   | Г        | T        |          | Н |
|          | 11       | ┢        | _        |              | ┢  |  |               | $\vdash$   | T        | $\vdash$   | 1   |       | 61       | Ť       | Ť        | _        | -        | <del>                                     </del> | 1        | $\vdash$ | t        | Н |
|          | 12       |          |          |              | Н  | ┪  |               | 1  | +-       | 1  | 1   |       | 62       |         |          |          |          | T  | $\vdash$ | t        | H        | Н |
| _        | 13       |          |          | H            | H  | H  |               |  | ┢        | <del>                                     </del> | 1   | _     | 63       |         |          |          |          | T  |          | t        |          | Н |
|          | 14       |          |          |              |  |  |               |  | 1        | H  | 1   |       | 64       |         |          |          |          | $\vdash$   |          | H        |          | Н |
|          | 15       |          |          |              |  | $\vdash$   | ┪             | Г  | 1        | $\vdash$   | 1   |       | 65       |         |          |          | _        | _  | $\vdash$ | T        | _        |   |
|          | 16       |          |          |              |  | -  | _             | <del>                                     </del> | $\vdash$ | ┢  | 1   |       | 66       | H       |          |          |          | T  |          | T        |          | Н |
|          | 17       |          |          |              |  |  |               | t  |          | -  | 1   |       | 67       |         |          | _        |          | <u> </u>   | Г        | t        |          | Н |
|          | 18       |          |          |              |  |  |               |  | 1        | $\vdash$   | 1   |       | 68       |         |          |          | _        |  |          |          |          | Н |
|          | 19       |          |          | <del> </del> | -  | -  | -             |  |          | H  | 1   |       | 69       |         |          |          | -        | -  | 1        | $\vdash$ | 1        | Н |
|          | 20       |          |          | H            |  |  |               |  | t        | ┢  | 1   |       | 70       |         |          |          |          |  |          |          |          | Н |
|          | 21       |          |          | _            | _  | _  | _             | -  |          |  | 1   |       | 71       |         |          |          | _        |  |          | $\vdash$ |          | Н |
|          | 22       |          |          | $\vdash$     | <del> </del>                                     |  |               |  |          | H  | 1   |       | 72       |         |          |          |          |  | T        |          |          | Н |
|          | 23       |          |          |              |  |  |               |  | $\vdash$ | <del>                                     </del> | 1   |       | 73       | -       |          |          |          | 1  | m        |          | T        | Н |
| <b></b>  | 24       |          |          |              | $\vdash$   | $\vdash$   | $I^-$         |  | T        | t  | 1   |       | 74       |         |          |          |          | H  | Т        | T        |          | Н |
|          | 25       |          |          |              | _  | _  | $\vdash$      |  | 1        |  | 1   |       | 75       |         |          |          |          |  |          |          |          | Н |
|          | 26       | _        | _        |              | <del>                                     </del> |  | -             |  | Ì        |  | 1   |       | 76       |         |          |          |          |  | T        |          | T        | Н |
|          | 27       |          |          |              | Н  | <u> </u>   |               |  |          |  | 1   |       | 77       |         |          |          | _        | _  | $\vdash$ |          |          | Н |
|          | 28       |          |          |              | _  | $\vdash$   |               |  | $\vdash$ | Т  | 1   |       | 78       |         |          |          |          |  |          |          | <u> </u> | П |
|          | 29       |          |          |              |  |  |               |  |          |  | 1   |       | 79       |         |          |          |          |  |          |          | T        | П |
|          | 30       |          |          |              |  |  |               |  |          |  | 1   |       | 80       |         |          |          |          |  |          |          |          | П |
|          | 31       |          |          | П            |  |  |               |  |          |  | 1   |       | 81       |         | _        |          | _        |  | -        |          |          | Н |
|          | 32       |          |          |              |  | Т  | $\vdash$      |  |          |  | 1 1 |       | 82       |         |          |          |          |  |          | <b>-</b> | T        | П |
|          | 33       |          |          |              |  |  |               |  |          |  | i   |       | 83       |         | -        |          |          |  |          |          | <u> </u> | П |
|          | 34       |          |          | -            | -  |  |               |  |          |  | 1   |       | 84       |         |          |          |          |  |          |          |          | П |
|          | 35       |          |          |              |  |  | $\Box$        | Г  |          |  | 1   |       | 85       |         |          |          |          |  |          |          |          | П |
| 1        | 36       | ✓        | <b>√</b> | =            |  |  |               | Г  |          |  | 1   |       | 86       |         |          | _        |          |  |          |          |          | П |
|          | 37       |          |          |              |  |  |               |  |          |  | 1   |       | 87       |         |          |          |          |  |          |          |          | П |
|          | 38       |          |          |              |  |  | Γ             |  |          |  | 1   |       | 88       | П       |          |          |          |  |          |          |          | П |
| 2        | 39       | ✓        | <b>√</b> | =            |  |  | Γ             | П  | Γ        |  | 1   |       | 89       | П       |          |          |          |  |          |          |          | П |
| 3        | 40       | Ţ.       | √        | =            |  |  |               | Г  | 1        |  | 1   |       | 90       | П       |          |          |          |  |          | Г        |          | П |
| 4        | 41       | ✓        | ✓        | =            |  |  |               |  |          |  | 1   |       | 91       |         |          |          |          |  |          |          |          | П |
| 5        | 42       | <b>√</b> | V        | =            |  |  |               |  | Π        | Г  | ]   |       | 92       |         |          |          |          |  |          |          |          | П |
| 6        | 43       | V        | √        | =            |  |  |               |  |          |  | ]   |       | 93       |         |          |          |          |  |          |          |          |   |
| 7        | 44       | <b>√</b> | <b>√</b> | Ξ            |  |  |               |  |          |  | ]   |       | 94       |         |          |          |          |  |          |          |          |   |
| 8        | 45       | <b>√</b> | <b>√</b> | =            |  |  |               |  |          |  | ]   |       | 95       |         |          |          |          |  |          |          |          |   |
| 9        | 46       | V        | ₹        | =            |  |  |               |  |          |  |     |       | 96       |         |          |          |          |  | Г        |          |          | П |
| 10       | 47       | <b>√</b> | √        | =            |  |  |               |  |          |  |     |       | 97       |         |          |          |          |  |          |          |          |   |
| 11       | 48       | <b>√</b> | √        | =            |  |  |               |  |          |  |     |       | 98       |         |          |          |          |  |          |          |          |   |
| 12       | 49       | <b>√</b> | <b>√</b> | =            |  |  |               |  |          |  |     |       | 99       |         |          |          |          |  |          |          |          |   |
| 13       | 50       | <b>V</b> | <b>√</b> | =            |  |  |               |  |          |  |     |       | 100      |         |          |          |          |  | <u> </u> |          |          |   |

| Cla            | aim                                    | Date                                   |                                      |    |          |          |          |          |   |                    |  |  |
|----------------|--|--|--------------------------------------|----|----------|----------|----------|----------|---|--------------------|--|--|
|                |  |  |                                      | က္ |          |          | _        |          |   |                    |  |  |
| Final          | Original                               | 1/10/05                                | ğ                                    | 8  |          |          |          |          |   |                    |  |  |
| iĒ             | Ĕ                                      | ž                                      | 1                                    | =  |          |          |          |          |   |                    |  |  |
|                | L                                      |  | ı                                    | _  |          |          |          |          |   |                    |  |  |
| 14             | 51                                     | √                                      | √                                    | =  |          |          |          |          |   |                    |  |  |
| 15             | 52                                     | √                                      | <b>√</b>                             | =  |          |          |          |          |   |                    |  |  |
| 14<br>15<br>16 | 52<br>53<br>54<br>55<br>55             | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | <b>&gt; &gt; &gt; &gt; &gt; &gt;</b> | =  |          |          |          | <u> </u> |   |                    |  |  |
| 17             | 54                                     | ✓                                      | >                                    | =  |          |          |          |          |   |                    |  |  |
| 18             | 55                                     | ✓                                      | >                                    | 11 |          |          |          |          |   |                    |  |  |
| 18<br>19       | 56                                     | ✓                                      | ✓                                    | =  |          |          |          |          |   |                    |  |  |
| 20             | 57                                     | √                                      | ✓                                    | =  |          |          |          |          |   |                    |  |  |
| 21             | 58<br>59                               | l √∣                                   | \                                    | =  |          |          |          |          |   |                    |  |  |
| 22             | 59                                     | V                                      | √                                    | =  |          |          |          |          |   |                    |  |  |
| 23             | 60                                     | ✓                                      | √                                    | =  |          |          | <u> </u> |          |   |                    |  |  |
|                | 61                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 62                                     |  |                                      |    |          |          |          |          |   | 匚                  |  |  |
|                | 63                                     |  |                                      |    |          |          |          |          |   | $oxedsymbol{oxed}$ |  |  |
|                | 64<br>65                               |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 65                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 66<br>67                               |  |                                      |    | <u> </u> | <u> </u> |          |          |   |                    |  |  |
|                | 67                                     |  |                                      |    |          | Ĺ        |          |          |   |                    |  |  |
|                | 68                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 69<br>70                               |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 70                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 71                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 72                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 71<br>72<br>73<br>74<br>75<br>76<br>77 |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 74                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 75                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 76                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 77                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 78                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 79                                     |  |                                      |    |          |          |          |          | Ĺ |                    |  |  |
|                | 80                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 81                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 82                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 83                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 84                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 85                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 86                                     |  |                                      |    |          |          |          | L        |   |                    |  |  |
|                | 87                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 88                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 89                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 90                                     |  |                                      |    |          | 匚        |          |          |   |                    |  |  |
|                | 91                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 92                                     |  |                                      |    |          |          |          |          | L |                    |  |  |
|                | 93                                     |  |                                      |    |          |          |          | _        |   |                    |  |  |
| L              | 94                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 95                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 96                                     |  |                                      |    |          |          |          |          | L |                    |  |  |
|                | 97                                     |  |                                      |    |          | $\Box$   |          |          |   |                    |  |  |
|                | 98                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 99                                     |  |                                      |    |          |          |          |          |   |                    |  |  |
|                | 100                                    |  |                                      |    |          |          |          |          |   |                    |  |  |

|          |                          | D-4-     |              |              |   |          |              |  |              |                 |  |
|----------|--------------------------|----------|--------------|--------------|---|----------|--------------|--|--------------|-----------------|--|
| Cli      | aim                      | <u> </u> | r —          |              | [   | Date     | <del>-</del> |  |              | ႕               |  |
| Final    | Original                 |          |              |              |   |          |              |  |              |                 |  |
|          | 101<br>102               |          |              |              |   |          |              |  |              |                 |  |
|          | 102                      |          |              |              |   |          |              |  |              |                 |  |
|          | 103                      |          |              |              | $ldsymbol{ld}}}}}}$ |          | L            |  | L            |                 |  |
|          | 103<br>104<br>105<br>106 |          | ļ            | <u> </u>     | ļ   |          | <u> </u>     |  | <u> </u>     | Щ               |  |
|          | 105                      | $\vdash$ | <u> </u>     | <u> </u>     | ┝   | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     |                 |  |
|          | 107                      |          |              | -            | -   | _        |              |  |              |                 |  |
| _        | 108                      | $\vdash$ | -            | -            |   | ┢        | $\vdash$     | -  |              | $\vdash$        |  |
|          | 109                      |          | $\vdash$     |              |   |          |              |  |              | Н               |  |
|          | 110                      |          |              |              |   |          |              |  |              |                 |  |
|          | 111                      |          |              |              |   |          |              |  |              |                 |  |
|          | 112                      |          |              |              |   |          |              |  |              |                 |  |
|          | 111<br>112<br>113        |          | L_           | L            | L   | L        | L            | L  | L            | Ш               |  |
|          | 114<br>115               |          |              | <u> </u>     | <u> </u>  | <u> </u> | <u> </u>     |  |              | Щ               |  |
| <u> </u> | 115                      |          | <u> </u>     | <u> </u>     | <u> </u>  | $\vdash$ | <u> </u>     |  | <b> </b>     | $\vdash \vdash$ |  |
|          | 116<br>117               |          | <u> </u>     | <u> </u>     | -   | <u> </u> | <u> </u>     | -  |              | $\vdash \vdash$ |  |
|          | 118                      |          | <del> </del> | $\vdash$     |   | -        |              |  | $\vdash$     | Н               |  |
|          | 119                      |          | -            |              |   | <u> </u> |              | $\vdash$   | $\vdash$     | H               |  |
|          | 120                      |          |              |              |   | _        | $\vdash$     | $\vdash$   | _            | Н               |  |
|          | 120<br>121               |          |              |              |   |          |              |  |              | П               |  |
|          | 122<br>123               |          |              |              |   |          |              |  |              |                 |  |
|          | 123                      |          |              | Ш            |   |          |              | <u> </u>   | L            | Щ               |  |
|          | 124                      |          | _            |              |   |          |              | <u> </u>   | <u> </u>     | Ш               |  |
|          | 125                      |          | <u> </u>     |              | -   |          | _            | -  | <u> </u>     | Н               |  |
|          | 125<br>126<br>127        | _        | -            | $\vdash$     | _   |          | -            | <del> </del>                                     | <del> </del> | Н               |  |
|          | 128                      | _        | $\vdash$     | $\vdash$     | _   |          | -            | <del>                                     </del> | $\vdash$     | $\vdash \vdash$ |  |
|          | 128<br>129               |          |              |              |   |          |              |  |              | H               |  |
|          | 130<br>131               |          |              |              |   |          |              |  |              | П               |  |
|          | 131                      |          |              |              |   |          |              |  |              |                 |  |
|          | 132                      |          |              |              |   |          |              |  |              | Ш               |  |
|          | 133                      |          |              |              |   |          |              |  | _            | Ш               |  |
|          | 134                      |          | <u> </u>     | L            | _   |          |              | _  | <u> </u>     | $\sqcup$        |  |
|          | 135                      |          |              | <del> </del> |   |          |              | <del> </del>                                     | _            | $\vdash$        |  |
|          | 136<br>137<br>138        |          |              | -            |   |          | H            |  |              | Н               |  |
|          | 138                      |          |              | $\vdash$     | _   |          | _            | $\vdash$   | $\vdash$     | H               |  |
|          | 139                      |          |              | _            |   | _        |              |  |              | П               |  |
|          | 140                      |          |              |              |   |          |              |  |              |                 |  |
|          | 141                      |          |              |              |   |          |              |  |              |                 |  |
|          | 142                      |          |              | Ш            | L   |          | $oxed{oxed}$ | $oxed{\Box}$                                     | $oxed{\Box}$ | Ш               |  |
|          | 143                      |          |              | H            | $\vdash$  | _        | L            | <u> </u>   | <b> </b>     | $\vdash$        |  |
|          | 144                      | $\dashv$ |              | $\vdash$     | $\vdash$  | <u> </u> | $\vdash$     | -  | <u> </u>     | $\vdash \vdash$ |  |
|          | 145<br>146               |          | -            | H            | $\vdash$  |          | _            | $\vdash$   | $\vdash$     | $\vdash$        |  |
|          | 147                      | -        | H            | H            | -   |          |              |  | H            | $\vdash$        |  |
|          | 148                      |          |              |              |   |          |              |  | -            | Н               |  |
|          | 149                      |          | _            |              | _   |          | -            | Т  | Т            | Н               |  |
|          | 150                      |          | Т            |              | Т   |          | П            | -  | П            | П               |  |
|          |                          |          |              |              |   |          |              |  |              | ٠               |  |